

5.11.5.3.1 LAP SPLICES IN TENSION

The tension development length for the specified yield strength shall be taken in accordance with Article 5.11.2. The minimum lap length shall be as required for a Class A or B lap splice, but not less than 12.0" where:

Class A lap splice = $1.0 \cdot l_d$

Class B lap splice = $1.3 \cdot l_d$

Except as specified, lap splices in tension shall be Class B splices.

Class A lap splices may be used where:

- (a) the area of reinforcement provided is at least twice that required by analysis over the entire length of the lap splice; and
- (b) one-half or less of the total reinforcement is spliced within the required lap splice length.

5.11.5.5.1 LAP SPLICES IN COMPRESSION**MODIFICATION FACTORS**

(1)	Basic development length	1.00
(2)	Ties along splice with effective area $\geq 15\%$ of (compression component thickness)*(tie spacing)	0.83
(3)	With spirals	0.75

Grade 60 reinforcement; 4000 psi concrete

	3	4	5	6	7	8	9	10	11	14	18
	Lap Splice Length - inches										
(1)	12	15	19	23	27	30	34	39	43	51	68
(2)	12	13	16	19	22	25	29	32	36	43	57
(3)	12	12	15	17	20	23	26	29	32	39	51